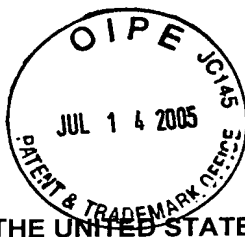


AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, Colorado 80537-0599



ATTORNEY DOCKET NO. 10021239-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Vahe' A. Adamian

Serial No.: 10/635395

Examiner: Natalini, Jeff William

Filing Date: August 5, 2003

Group Art Unit: 2858

Title: Method And Apparatus For Measuring A Device Under Test Using An Improved Thru-Reflect-Line Measurement Calibration

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond
☐ New fee as calculated below ☐ Supplemental Declaration
☐ No additional fee (Address envelope to "Mail Stop Amendments")
☒ Other: Mark-up & Substitute Specification; Drawings: Replacement Abstract (Fee \$0)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	5	MINUS	72	= 0	X 50	\$ 0
INDEP. CLAIMS	5	MINUS	6	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 ST MONTH 120.00 <input type="checkbox"/>	2 ND MONTH 450.00 <input type="checkbox"/>	3 RD MONTH 1020.00 <input type="checkbox"/>	4 TH MONTH 1590.00 <input type="checkbox"/>		\$ 0
OTHER FEES						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Vahe' A. Adamian

By

June L Bouscaren
Attorney/Agent for Applicant(s)

I hereby certify that this correspondence is being Deposited with the United States Postal Service as First class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: 07/12/2005

Typed Name: Shirley A. Gonzales

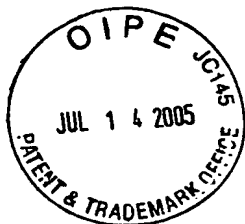
Signature:

Shirley A. Gonzales

Reg. No. 37,928

Date: 07/12/2005

Telephone No. 970 679 3238



Docket No. 10021239
USPTO Ser. No. 10/635,395

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

-----x
In the Matter of the Application of: Vahé Adamian
Serial No.: 10/635,395
Filed: August 5, 2003
For: Method and Apparatus for Measuring a Device Under Test
Using an Improved Thru-Reflect-Line Measurement Calibration
Examiner: Natalini
Group Art Unit: 2858
-----x

Amendment and Response

Dear Sir,

In response to Office Action dated, April 14, 2005, please amend the above-identified application as follows:

Amendments to the Specification are presented in the form of a substitute specification according to 37 CFR §1.125 because the changes are numerous and on many of the pages. A Marked Up copy of the Specification showing the requested changes is included as well as a Replacement Specification reflecting the requested changes.

Amendments to the claims are reflected in the listing of claims, which begins on page 5 of this paper.

Amendments to the drawings begin on page 15 of this paper and are shown in the attached marked up copies of the original drawings. Amendment is made to

FIGURES 13-17. Amendments to the drawings are shown in red. New FIGURE 19 is added. 19 sheets of Replacement Drawings are also attached.
Remarks begin on page 16 of this paper.